DHI-FSU2004H(-F)

Field Surveillance Unit

Features

· 4 AI (analog input 4~20mA, 0~5V) detectors, customize threshold definitions
· 4 on-board zones
· 3 RS485 detectors
· 1 RS232 detector
· 1 ITU-Bus, support up to 64 temperature probes
· 1 IR control, connect with air conditioner remote control
· 2 channel relay output
· 4 channel@720P or 2 channel@1080P IPC
· 1 Ethernet ports
· Support 4G/3G/2.5G (-F only)
· Local storage, 32GB SD card
· Support 1×2.5-inch HDD, up to 2TB
· Web configuration, alarm and video review
· Optional power supply DC 12V / DC 12~48V
· Wall-mounted or destop

System Overview

The FSU2004H offers premium security and environmental system monitoring. It is designed to monitor physical variables, environmental or human, that can be applied in power, telecommunication, wastewater analysis, gas analysis, aquaculture, agriculture and forestry.

The FSU2004H is capable of video surveillance and monitoring to record human activity enabling users to detect intrusions. It also provides temperature, humidity, door contact, vibration, smoke and so on, to protect your industrial assets from security and environmental threats.

Technical Specification

System

Main Processor	ARM Cortex A9@Max 930MHz
Operating System	Embedded LINUX

Sensor and Alarm

Analog alarm inputs	4 AI, 4-20mA, 0-5V, Customize threshold definitions
Digital alarm inputs	4 DI(dry contact) interface
Smoke Detector	1 somke detector interface
RS485 inputs	3 RS485 detectors
RS232 inputs	1 RS232 detector
ITU-Bus	1 group, up to 64 temperature probes(detectors)
IR Control	1 group, connect with infrared emitter
Protocol	Modbus-RTU,Modbus-ASCII,1363,Modbus-TCP,etc.
Alarm Outputs	2 Channel, NO/NC programmable outputs
Bell port	12V 1A, programmable bell output

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Audio and Video

IP Camera Input	4 Channel@720P or 2 Channel@1080P, H.264
Two-way Talk	1 Channel Input, 1 Channel Output, BNC interface 3.1W@8Ω (MP3,WMA format, <10MB)

Storage

SD card	32GB including
HDD	1×2.5-inch HDD, up to 2TB

Auxiliary Interface

USB	1 USB Port, for mouse,upgrade or module communication
RS232	RS232 1 Port, for PC Communication (debug)
Electric out	1 pair, 12V 1A, supply power for detector

Network

Interface	1 RJ-45 Ports (10/100Mbps)
PoE	N/A
Cellular IP modem	LTE/WCDMA/CDMA/GPRS/GSM and more (-F)
Network Function	HTTP, HTTPs, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP,SMTP, NTP, DHCP, DNS, IP Filter, PPPoE,DDNS, FTP, IP Search
Max. User Access	64 users
Max. Logs	50,000
Interoperability	ONVIF 2.4

Electrical

Power Supply	DC 12V / DC 12~48V
Power Consumption	15W (Load power supply<30W)

Environmental

Operating conditions	-10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa,0 ~ 95% RH

Construction

Dimensions	210mmx138mmx52mm
Net Weight	3kg(6.6 lb) (without HDD)
Installation	Wall mount, desktop

Certification

CE	EN 55032, EN 55024, EN 50130-4+A1, EN 61000-3-2, EN 61000-3-3, EN 60950-1
FCC	Part 15 Subpart B 2016

Ordering Information

Type	Part Number	Description
FSU	DHI-FSU2004H	Field Surveillance Unit
FSU	DHI-FSU2004H-F	Field Surveillance Unit with cellular ip network

Dimensions (mm)